

# **GEMS**

## **Graduate Experiences for Multicultural Students**

### **Summer Research Internship**

#### **University of Colorado Denver**

#### **Summer 2011**

The Purpose of the GEMS Program is to introduce high-achieving undergraduate and health professional students from diverse and traditionally under-represented groups to biomedical research career opportunities.

#### **The GEMS Program**

Selected GEMS interns will enroll in a ten-week summer research internship course, Topics in Biomedical Science and Research. The course will be conducted by distinguished research faculty and will consist of lectures, demonstrations, and laboratory research assignments with a mentor. Participating basic science programs at UCD include biochemistry and molecular genetics, cell and developmental biology, cancer biology, medical genetics, immunology, microbiology, molecular biology, neuroscience, pharmacology, reproductive science, physiology and biophysics.

#### **The course will include:**

1. Lectures in biochemistry and molecular biology
2. Faculty research seminars in various disciplines
3. A ten week laboratory research project
4. Academic skills workshops
5. Group social events

#### **Eligibility**

GEMS interns are selected on the basis of academic achievement, interest in biomedical science research careers, and inclusion in an underrepresented group or category (first generation college attendee, low income household, financial need by Pell Grant eligibility, or ethnic identity as African American, Hispanic, American Indian, Alaska Native, or Southeast Asian, Pacific Islander). Successful applicants will have completed two years of undergraduate coursework and demonstrated aptitude in one or more laboratory science courses. Those who have just completed their freshman year or recently graduated with an undergraduate degree are not eligible for this program. All applicants must be U. S. Citizens or have a valid Permanent Resident Card.

Accepted students must agree to attend the entire ten-week program. Other requirements include:

- Minimum overall GPA: 3.0
- Two (2) letters of recommendation (at least one from a science faculty member);
- A personal statement of interest in graduate education and future career goals; and
- A current transcript (copy acceptable).

**GEMS Research Internship Program**  
**University of Colorado Health Sciences Center**  
**Application**

Name: \_\_\_\_\_  
            First  Middle  Last

Birth Date \_\_\_\_/\_\_\_\_/\_\_\_\_ How did you hear about this program? \_\_\_\_\_

Current Mailing Address (Until this date: \_\_\_\_/\_\_\_\_/\_\_\_\_): \_\_\_\_\_  
\_\_\_\_\_

Permanent (family) Mailing Address (if different than above): \_\_\_\_\_  
\_\_\_\_\_

E-mail address: \_\_\_\_\_ Telephone No: \_\_\_\_\_

University / College and Major: \_\_\_\_\_

Intended graduation date: \_\_\_\_\_ Current cumulative GPA: \_\_\_\_\_

Disciplines of special interest to me in the biomedical sciences: \_\_\_\_\_  
\_\_\_\_\_

I am a member of the following underrepresented group or category (first generation college attendee, low income/financial need, African American, Hispanic, American Indian, Alaska Native, Southeast Asian, Pacific Islander)  
\_\_\_\_\_

I have had the following science laboratory experience: \_\_\_\_\_  
\_\_\_\_\_

**ON A SEPARATE PAGE, DESCRIBE YOUR CAREER GOALS AND EXPLAIN HOW THIS INTERNSHIP WILL CONTRIBUTE TO THOSE GOALS.**

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Send this application, 2 letters of recommendation from faculty members or advisors, a copy of your transcript, and your personal statement to us by March , 2011. Application materials may be sent by postal mail to the address below, or email to GEMS@UCDenver.edu. If emailing, please put the applicant's full name in the subject line.

GEMS Research Internship  
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